

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JON ADLER

Serial No.: Division of Serial No. 09/825,882      Group Art Unit: 1646  
Filed April 5, 2001

Filed: December 1, 2003      Examiner: BRANNOCK, MICHAEL T.

Title: **T2R RECEPTOR FUNCTIONAL ASSAYS THAT IDENTIFY  
POTENTIAL BITTER TASTE MODULATORS**

**Customer No. 23911**

Confirmation No. 3758

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to the examination, kindly cancel all of original claims 1-137, and insert the following claims 138-185. All of the newly submitted claims are directed to functional assays for identifying compounds that putatively modulate (enhance or inhibit) or elicit human bitter taste sensation based on their effect on the activation of a human T2R polypeptide.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this paper.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 11 of this paper.

A new Title is provided at page 2 of this paper.

The specification is amended on page 3 of this paper

**IN THE TITLE:**

Please delete the current title and substitute the following:

**TITLE:**

- T2R Receptor Functional Assays That Identify Potential Bitter Taste  
Modulators -